

GenCore version 5.1.5
 Copyright (c) 1993 - 2003 Compugen Ltd.

nucleic - nucleic search, using sw model

run on:	June 1, 2003, 20:21:20 ; Search time 290 Seconds (without alignments)
	10377.762 Million cell updates/sec
title:	US-09-625-573-1
target score:	232
sequence:	1 GGATTGAAQAGGACGCAT.....TATAACTATGTGATAAAG 2232
scoring table:	OLIGO_NUC
	Gapop 60.0 , Gapext 60.0
searched:	845702 seqs, 674182571 residues
word size :	0
total number of hits satisfying chosen parameters:	
minimum DB seq length:	0
maximum DB seq length:	200000000
post-processing: Listing first 45 summaries	
database :	Published Applications_NA: *
1:	/cgn2_6/podata/1/pubnra/US07_PUBCOMB.seq;*
2:	/cgn2_6/podata/1/pubnra/PCT_NEW_PUB.seq;*
3:	/cgn2_6/podata/1/pubnra/US06_NEW_PUB.seq;*
4:	/cgn2_6/podata/1/pubnra/US06_PUBCOMB.seq;*
5:	/cgn2_6/podata/1/pubnra/US07_NEW_PUB.seq;*
6:	/cgn2_6/podata/1/pubnra/PETUS_PUBCOMB.seq;*
7:	/cgn2_6/podata/1/pubnra/US08_NEW_PUB.seq;*
8:	/cgn2_6/podata/1/pubnra/US08_PUBCOMB.seq;*
9:	/cgn2_6/podata/1/pubnra/US09_NEW_PUB.seq;*
10:	/cgn2_6/podata/1/pubnra/US09_PUBCOMB.seq;*
11:	/cgn2_6/podata/1/pubnra/US10_NEW_PUB.seq;*
12:	/cgn2_6/podata/1/pubnra/US10_PUBCOMB.seq;*
13:	/cgn2_6/podata/1/pubnra/US60_NEW_PUB.seq;*
14:	/cgn2_6/podata/1/pubnra/US60_PUBCOMB.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

result No.	Query Score	Match Length	DB ID	Description
1	11152	51.6	143068	10 US-09-967-768A-316
2	890	39.9	1083	10 US-09-131-827A-1
3	839	37.6	1083	10 US-09-131-827A-19
4	65	2.9	792	10 US-09-938-719-1
5	65	2.9	792	10 US-09-939-226-1
6	65	2.9	792	10 US-09-938-703-1
7	65	2.9	1056	10 US-09-779-8719A-21
8	65	2.9	1056	10 US-09-779-880A-21
9	65	1.225	10	US-09-913-633-14
10	65	2.9	1225	10 US-09-813-653-16
11	65	2.9	1376	9 US-10-086-814-2
12	65	2.9	1376	10 US-09-795-202-2
13	65	2.9	1414	9 US-10-232-686-1
14	65	2.9	1414	10 US-09-725-285-1
15	65	2.9	1414	10 US-09-779-879A-1
16	65	2.9	1414	10 US-09-779-880A-1
17	65	2.9	1414	10 US-09-195-662A-1
18	65	2.9	1414	10 US-09-913-783A-1
19	65	2.9	1414	10 US-09-502-783A-1

			c		
20	2.9	1442	10	US-09-938-719-3	Sequence 3, Appli
21	2.9	1442	10	US-09-939-226-3	Sequence 3, Appli
22	2.9	1442	10	US-09-938-703-1	Sequence 3, Appli
23	2.9	1477	10	US-09-759-641-1	Sequence 1, Appli
24	2.9	1477	10	US-09-719-2	Sequence 2, Appli
25	2.9	1477	10	US-09-939-226-2	Sequence 2, Appli
26	2.9	1477	10	US-09-938-703-2	Sequence 1, Appli
27	2.9	3383	9	US-09-734-221A-13	Sequence 1, Appli
28	2.9	3383	12	US-10-164-623-1	Sequence 19, Appli
29	3.6	1059	12	US-10-106-623-19	Sequence 51, Appli
30	3.0	10	US-09-736-163-51	Sequence 12, Appli	
31	2.8	1.3	10	US-09-938-719-12	Sequence 12, Appli
32	2.8	1.3	147	US-09-939-226-12	Sequence 12, Appli
33	2.8	1.3	147	US-09-938-703-12	Sequence 3, Appli
34	2.7	1.2	27	US-09-755-088-3	Sequence 3, Appli
35	2.7	1.2	27	US-09-339-103-3	Sequence 52, Appli
36	2.7	1.2	27	US-09-736-863-52	Sequence 54, Appli
37	2.7	1.2	27	US-09-736-863-54	Sequence 14, Appli
38	2.6	1.2	32	9 US-09-888-938-14	Sequence 3, Appli
39	2.4	1.1	24	10 US-09-895-723-3	Sequence 3, Appli
40	2.4	1.1	24	10 US-09-840-454-3	Sequence 1, Appli
41	2.4	1.1	1089	9 US-10-119-483-1	Sequence 1, Appli
42	2.4	1.1	1113	10 US-09-796-955-1	Sequence 5, Appli
43	2.4	1.1	2328	9 US-10-119-483-5	Sequence 14, Appli
44	2.2	1.0	22	10 US-09-736-863-14	Sequence 8197, Ap
45	2.2	1.0	32167	9 US-09-764-891-8197	

ALIGNMENTS

```

RESULT 1
US-09-967-768A-316
Sequence 316, Application US/09967768A
Patent No. US2010050877A1

GENERAL INFORMATION:
APPLICANT: Augustus Meena
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using
FILE REFERENCE: 689290-72

CURRENT APPLICATION NUMBER: US/09/967 , 768A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US/60/236,109
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOs: 325
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 316
LENGTH: 143068
TYPE: DNA
ORGANISM: Homo sapiens
US-09-967-768A-316

Query Match Score 51.6%; Length 143068;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1253; Conservative 0; Mismatches 2; Indels 0; Caps 0;

Qy 979 AGCCTTTTCACATAGCTCTGGCTGTAGATTGCCACTCCAAAAACAGTGTGGAA 1038
Ddb 48253 AGCCTTTTCACATAGCTCTGGCTGTAGATTGCCACTCCAAAAACAGTGTGGAA 48312
Qy 1039 GGTCAGGAGGTGAGACCAGGAAGAAGATGTAAGTGTACACAGGACTCTGATGGT 1098
Ddb 48313 GGTCAGGAGGTGAGACCAGGAAGAAGATGTAAGTGTACACAGGACTCTGATGGT 48372
Qy 1099 CGTGAAAAGGAAGTCAATTGGCAGAGGCCCTGAAAGCCACTCTCAGGAAAGAGGA 1158
Ddb 48373 CGTGAAAAGGAAGTCAATTGGCAGAGGCCCTGAAAGCCACTCTCAGGAAAGAGGA 48432
Qy 1159 GCTTAGAGAGAAAATGAGCATCTCTGTTGAAATCACAGCTCTGGCTCACAGATG 1218

```

SUMMARIES

result	NO.	Query		Length	DB	ID
		Score	Match			
1	1152	51.6	143068	10	US	
2	890	39.9	1083	10	US	
3	839	37.6	1083	10	US	
4	65	2.9	792	10	US	
5	65	2.9	792	10	US	
6	65	2.9	792	10	US	
7	65	2.9	1056	10	US	
8	65	2.9	1056	10	US	
9	65	2.9	1225	10	US	
10	65	2.9	1225	10	US	
11	65	2.9	1376	9	US-	
12	65	2.9	1376	10	US	
13	65	2.9	1414	9	US-	
14	65	2.9	1414	10	US	
15	65	2.9	1414	10	US	
16	65	2.9	1414	10	US	
17	65	2.9	1414	10	US	
18	65	2.9	1414	10	US	
19	65	2.9	1414	10	US	

640	TTCACACAAATAGGACATTTTGGGGCTGGCTCCGCGTGTGCTCATGGTCATC	699
601	TTCACACAAATAGGACATTTTGGGGCTGGCTCCGCGTGTGCTCATGGTCATC	660

400 CACATGGGTATTATGGGAATCTGCTTGGTGCAGAACGAGAAAGGGCATAGG 759
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 361 CACATGGGTATTATGGGAATCTGCTTGGTGCAGAACGAGAAAGGGCATAGG 720
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 460 GCTATGTCCATGCTGTGCTTAAGGCCAGGACGGTCACCTTGGGTGGTACA 519
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 421 GCTATGTCCATGCTGTGCTTAAGGCCAGGACGGTCACCTTGGGTGGTACA 480
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 520 AGTGATCACCTGGTTGGTGGCTGTTGCTCTGCCAGGAATCATCTTACTAA 579
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 481 AGTGATCACCTGGTTGGTGGCTGTTGCTCTGCCAGGAATCATCTTACTAA 540
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 580 TGCCAAAGAGATCTGTTATGCTGTCGCCCTATTATTCACAGGAGTAAAT 639
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 541 TGCCAAAGAGATCTGTTATGCTGTCGCCCTATTATTCACAGGAGTAAAT 600
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 640 TTCCACACAAATAATGAGAACATTGGTGGCTGCTGTCATGTCATC 699
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 601 TTCCACACAAATAATGAGAACATTGGTGGCTGCTGTCATGTCATC 666
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 700 TGCTTACCTGGGAATCTGCTGAAACCTGCTTCGTTGCTGAAACAGGATAGG 759
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Db 661 TGCTTACCTGGGAATCTGCTGAAACCTGCTTCGTTGCTGAAACAGGATAGG 720
 QY ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
 Sequence 19, Application US/09131827A
 ; Patent No. US2002038469A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dean, Michael
 ; APPLICANT: O'Brien, Stephen J.
 ; APPLICANT: Smith, Michael
 ; APPLICANT: Callington, May
 ; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
 ; TITLE OF INVENTION: MISSING ALLELE OF THE CCR2 GENE
 ; FILE REFERENCE: 14014.033
 ; CURRENT APPLICATION NUMBER: US/09/131,827A
 ; CURRENT FILING DATE: 1998-08-10
 ; PRIOR APPLICATION NUMBER: 60/055,659
 ; PRIOR FILING DATE: 1997-08-14
 ; NUMBER OF SEQ ID NOs: 20
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 19
 ; LENGTH: 1083
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-131-827A-19

RESULT 3
 US-09-131-827A-19

Query Match 37.6%; Score 839; DB 10; Length 1083;
 Best Local Similarity 99.8%; Pred. No. 0; Matches 0; Indels 0; Gaps 0;

Matches 939; Conservative 0; Missmatches 2; Indels 0; Gaps 0;

QY 40 ATGGTGTCCACATCTGGTCTCGTTATCGAAATAACCAACGAGGGTGAAGAGTC 99
 Db 1 ATGGTGTCCACATCTGGTCTCGTTATCGAAATAACCAACGAGGGTGAAGAGTC 60
 QY 100 ACCACCTTTGGATTATGGTACCGTGCCTCTGTCATAATTGACGTGAAGCAATT 159
 Db 61 ACCACCTTTGGATTATGGTACCGTGCCTCTGTCATAATTGACGTGAAGCAATT 120
 QY 160 GGCCCCAACACTCCGCTCTACTCGCTGTTGTCATCTTGTGGCAAC 219
 Db 121 GGCCCCAACACTCCGCTCTACTCGCTGTTGTCATCTTGTGGCAAC 180
 QY 220 ATGGTGTCCACATCTGGTCTCGTTATCGAAATAACCAACGAGGGTGAAGAGTC 279
 Db 181 ATGGTGTCCACATCTGGTCTCGTTATCGAAATAACCAACGAGGGTGAAGAGTC 240
 QY 280 CTGGTCAACCTGGCATCTGATCTGATCTGTTGCTCATCTTGTGGGTCAAC 339
 Db 241 CTGGTCAACCTGGCATCTGATCTGATCTGATCTGTTGCTCATCTTGTGGGTCAAC 300
 QY 340 TCTGTGCAATGASTGGCTTGGGATGCAATGTCAATTACACGGGTCTAT 399
 Db 301 TCTGTGCAATGASTGGGTTGGATGCAATTACACGGGTCTAT 360

RESULT 4
 US-09-138-719-1
 ; Sequence 1, Application US/09938719
 ; Patent No. US2002010642A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAMSON, MICHEL
 ; APPLICANT: PARMENTIER, MARC
 ; APPLICANT: VASSART, GILBERT
 ; APPLICANT: LIBERT, FREDERICK
 ; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Knobbe, Martens, Olson & Bear
 ; STREET: 620 Newport Center Drive 16th Floor
 ; CITY: Newport Beach
 ; STATE: CA
 ; COUNTRY: U.S.A.
 ; ZIP: 92660
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/938,719
 ; FILING DATE: 24-Aug-2001
 ; CLASSIFICATION: <unknown>
 ; PRIORITY APPLICATION NUMBER: 09/626,939
 ; FILING DATE: 27-JULY-2000

ATTORNEY/AGENT INFORMATION:
 NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: <Unknown>

SEQUENCE CHARACTERISTICS:
 LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

NAME/KEY: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-719-1

Query Match 2.9%; Score 65; DB 10; Length 792;
 Best Local Similarity 100.0%; Pred. No. 2.9e-24;
 Matches 65; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 5 US-09-939-226-1

Sequence 1, Application US/09939226

PATENT NO: US200110805A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Knobbe, Martens, Olson & Bear
 STREET: 620 Newport Center Drive 16th Floor
 CITY: Newport Beach
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,703

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-703-1

Query Match 2.9%; Score 65; DB 10; Length 792;
 Best Local Similarity 100.0%; Pred. No. 2.9e-24;
 Matches 65; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 6 US-09-938-703-1

Sequence 1, Application US/09938703

PATENT NO: US200110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-703-1

Query Match 2.9%; Score 65; DB 10; Length 792;

Best Local Similarity 100.0%; Pred. No. 2.9e-24;

Matches 65; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 7 US-09-938-703-1

Sequence 1, Application US/09938703

PATENT NO: US200110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-703-1

Query Match 2.9%; Score 65; DB 10; Length 792;

Best Local Similarity 100.0%; Pred. No. 2.9e-24;

Matches 65; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 8 US-09-938-703-1

Sequence 1, Application US/09938703

PATENT NO: US200110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-703-1

Query Match 2.9%; Score 65; DB 10; Length 792;

Best Local Similarity 100.0%; Pred. No. 2.9e-24;

Matches 65; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 9 US-09-938-703-1

Sequence 1, Application US/09938703

PATENT NO: US200110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 792 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

LOCATION: 240..791

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-938-703-1

Query Match 2.9%; Score 65; DB 10; Length 792;

Best Local Similarity 100.0%; Pred. No. 2.9e-24;

Matches 65; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 10 US-09-938-703-1

Sequence 1, Application US/09938703

PATENT NO: US200110870A1

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL

PARMENIER, MARC

VASSART, GILBERT

LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC CHEMOKINES RECEPTOR
 AND NUCLEIC ACID MOLECULES EN

RESULT 7
US-09-779-879A-21
Sequence 21, Application US/09779879A
PATENT NO. US20020048786A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Roschke, Viktor
APPLICANT: Li, Yi
TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
FILE REFERENCE: 1488.115000A
CURRENT APPLICATION NUMBER: US/09/779, 879A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181, 258
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 60/187, 999
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/234, 336
PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 21
LENGTH: 1056
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1) .. (1056)
US-09-779-879A-21

Query Match 2.9%; Score 65; DB 10; Length 1056;
Best Local Similarity 100.0%; Pred. No. 3e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGGACGTCACCTTGGGGTGACAGTGTG 525
Db 391 GTCCATGCTGTGCTTAAAGCCAGGACGTCACCTTGGGGTGACAGTGTG 450

QY 526 ATCAC 530
Db 451 ATCAC 455

RESULT 9
US-09-813-653-14
Sequence 14, Application US/09813653
PATENT NO. US20020064770A1
GENERAL INFORMATION:
APPLICANT: Nestor, John
APPLICANT: Wilson, Carol
APPLICANT: See, Raymond
APPLICANT: Tan Hehir, Christina
TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
FILE REFERENCE: CNS-005
CURRENT APPLICATION NUMBER: US/09/813, 653
CURRENT FILING DATE: 2001-03-20
PRIOR APPLICATION NUMBER: US 60/190, 946
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 60/190, 996
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
SEQ ID NO: 14
SOFTWARE: PatentIn version 3.0
LENGTH: 1225
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (27) .. (1085)
US-09-813-653-14

Query Match 2.9%; Score 65; DB 10; Length 1225;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGGACGTCACCTTGGGGTGACAGTGTG 525
Db 417 GTCCATGCTGTGCTTAAAGCCAGGACGTCACCTTGGGGTGACAGTGTG 476

QY 526 ATCAC 530
Db 477 ATCAC 481

RESULT 10
US-09-813-653-16
Sequence 16, Application US/09813653
PATENT NO. US20020064770A1
GENERAL INFORMATION:
APPLICANT: Nestor, John
APPLICANT: Wilson, Carol
APPLICANT: See, Raymond
APPLICANT: Tan Hehir, Christina
TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
FILE REFERENCE: CNS-005

```

; CURRENT APPLICATION NUMBER: US/09/813,653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIORITY APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
SEQ ID NO 16
; LENGTH: 1225
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (27)..(1085)
US-09-813-653-16

Query Match
Best Local Similarity 2.9%; Score 65; DB 10; Length 1376;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 525
Db 417 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 476
QY 526 ATCAC 530
Db 477 ATCAC 481

RESULT 11
US-10-086-814-2
; Sequence 2, Application US/10086814
; Publication No. US2003002632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 61010-AB-1
; CURRENT APPLICATION NUMBER: US/10/086,814
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-814-2

Query Match
Best Local Similarity 2.9%; Score 65; DB 9; Length 1376;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 525
Db 630 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 689
QY 526 ATCAC 530
Db 690 ATCAC 694

RESULT 12
US-09-796-202-2
; Sequence 2, Application US/09796202
; Patent No. US20020068813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SHS

Query Match
Best Local Similarity 2.9%; Score 65; DB 10; Length 1376;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 525
Db 630 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 689
QY 526 ATCAC 530
Db 690 ATCAC 694

RESULT 14
US-09-725-285-1
; Sequence 1, Application US/09725285
; Patent No. US20010000241A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor (CCR5) Receptor
; TITLE OF INVENTION: (CCR5 Receptor)

Query Match
Best Local Similarity 2.9%; Score 65; DB 10; Length 1376;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 525
Db 630 GTCCATGCTGTGCTTAAAGCCAGACGGTCACCTTGCGGTGGTACAAGTGTG 689
QY 526 ATCAC 530
Db 690 ATCAC 713

```

FILE REFERENCE: 148B.1150003
; CURRENT APPLICATION NUMBER: US/09/725, 285
; PRIORITY FILING DATE: 2000-11-29
; PRIORITY FILING DATE: 09/339, 912
; PRIORITY FILING DATE: 1999-06-25
; PRIORITY FILING NUMBER: 09/195, 662
; PRIORITY FILING DATE: 1998-11-18
; PRIORITY FILING NUMBER: 08/466, 343
; PRIORITY FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Artificial Sequence: Genomic
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
; OTHER INFORMATION: Description of Artificial Sequence: Genomic
US-09-725-285-1

Query Match 2.9%; Score 65; DB 10; Length 1414;
Best Local Similarity 100.0%; Pred. No. 3.1e-24; Length 1414;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTTGCTTAAAGCCAGGGTACCTTGTTGCAAGTGTG 525
Db 649 GTCCATGCTGTTGCTTAAAGCCAGGGTACCTTGTTGCAAGTGTG 708

QY 526 ATCAC 530
Db 709 ATCAC 713

RESULT 15
US-09-779-879A-1
; Sequence 1, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 148B.115000A
; CURRENT APPLICATION NUMBER: US/09/779, 879A
; CURRENT FILING DATE: 2001-02-09
; PRIORITY FILING NUMBER: US 60/181, 258
; PRIORITY FILING DATE: 2000-02-09
; PRIORITY FILING NUMBER: US 60/187, 999
; PRIORITY FILING DATE: 2000-03-09
; PRIORITY FILING NUMBER: US 60/234, 336
; PRIORITY FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
US-09-779-879A-1

Query Match 2.9%; Score 65; DB 10; Length 1414;
Best Local Similarity 100.0%; Pred. No. 3.1e-24; Length 1414;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTTGCTTAAAGCCAGGGTACCTTGTTGCAAGTGTG 525
Db 649 GTCCATGCTGTTGCTTAAAGCCAGGGTACCTTGTTGCAAGTGTG 708

QY 526 ATCAC 530

